

Serial No. 10/824,214  
28 December 2004 Reply to  
24 August 2004 Office Action

**Amendments to the Claims:**

Please cancel claims 3-4. The following listing of claims will replace all prior versions and listings of the claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of determining ~~an analyte~~ glucose concentration in a tissue of a subject, the subject including an eye with an ocular surface and a conjunctiva surface, comprising the steps:
- exposing at least a portion of the conjunctiva surface of the subject to electromagnetic radiation without contact with the ocular surface;
  - detecting electromagnetic radiation reflected from the conjunctiva without contact with the ocular surface; and,
  - determining a radiation signature of said reflected electromagnetic radiation to determine ~~an analyte~~ glucose concentration in the tissue of the subject.
2. (Original) The method of Claim 1, wherein said method is non-invasive and wherein said subject is a human.
- 3-4 (Cancelled)
5. (Original) The method of Claim 1, wherein said electromagnetic radiation is mid-infrared radiation.
6. (Original) The method of Claim 5, wherein the mid-infrared radiation is in a wavelength range of about 2.5 microns to about 25.0 microns.
7. (Original) The method of Claim 1, wherein said detecting step further comprises selecting at least one wavelength within said reflected electromagnetic radiation.

Please  
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12/28/05